

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Liu et al.  
Serial No.: 10/590,536  
Filed : August 25, 2006  
Title : METHOD FOR PREDICTING DE NOVO BIOMACROMOLECULE CRYSTALLIZATION CONDITIONS AND FOR CRYSTALLIZATION OF THE SAME

Art Unit : Unknown  
Examiner : Unknown  
Conf. No. : 7421

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

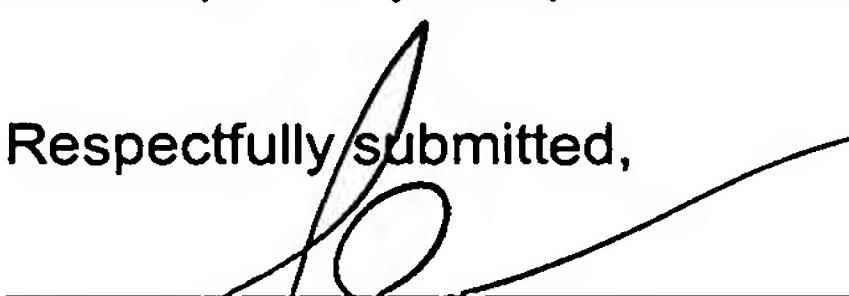
**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Dear Sir:

In response to the Notification of Missing Requirements mailed on April 24, 2007, the following documents listed below are submitted herewith. If a Petition for Extension of Time is needed, this paper is to be considered such Petition.

- A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US);
- An executed Declaration for Patent Application;
- The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

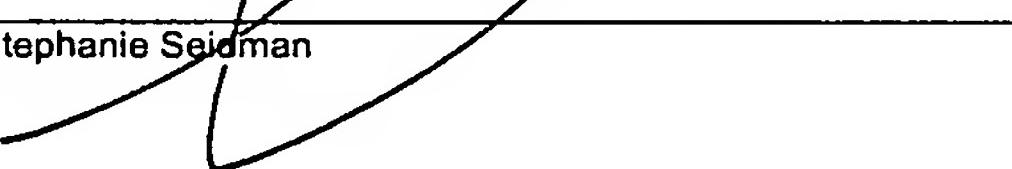
Respectfully submitted,

  
Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 08625-007US1(2507US)  
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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
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Date of Deposit: May 3, 2007

I hereby certify that this paper is being deposited with the United States Postal "Express Mail/Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop Missing Parts, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA, 22313-1450.

  
Stephanie Seidman



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 P.O. Box 1450  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/590,536	Xiang-Yang Liu	08625-007US1 / 2507US
INTERNATIONAL APPLICATION NO.		
PCT/SG05/00051		
I.A. FILING DATE	PRIORITY DATE	
02/21/2005	02/25/2004	
CONFIRMATION NO. 9783		
371 FORMALITIES LETTER		
 *OC00000023502249*		

Date Mailed: 04/24/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/25/2006
- Copy of the International Search Report filed on 08/25/2006
- Copy of IPE Report filed on 08/25/2006
- Preliminary Amendments filed on 08/25/2006
- Information Disclosure Statements filed on 08/25/2006
- U.S. Basic National Fees filed on 08/25/2006
- Priority Documents filed on 08/25/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

INDIA L EVANS

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Telephone: (703) 308-9140 EXT 212

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/590,536	PCT/SG05/00051	08625-007US1 / 2507US

-FORM PCT/DO/EO/905 (371 Formalities Notice)